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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	08582/007003
				Serial No.	10/701,152
				Applicant	Brian Horsburgh et al.
				Filing Date	November 4, 2003
				Group	1636
				IDS filed	March 16, 2004
				Customer No.	21559

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
<i>JR</i>	5,288,641	02/22/94	Roizman	1		
<i>JH</i>	5,501,979	03/26/96	Geller et al.	1		
<i>JH</i>	5,585,096	12/17/96	Martuza et al.	1		
<i>JH</i>	5,658,724	08/19/97	DeLuca	1		
<i>JR</i>	5,776,745	07/07/98	Kelner et al.	1		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>JR</i>	0 453 242 A1	23.10.91	Europe	1		
<i>JH</i>	WO 90/09441	23.08.90	PCT	1		
<i>JH</i>	WO 95/03400	02.02.95	PCT	1		
<i>JH</i>	WO 96/04394	15.02.96	PCT	1		
<i>JH</i>	WO 96/26267	29.08.96	PCT	1		
<i>JH</i>	WO 97/05263	13.02.97	PCT	1		
<i>JR</i>	WO 97/30732	28.08.97	PCT	1		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

<i>JH</i>	Ascenzioni et al., "Mammalian Artificial Chromosomes - Vectors for Somatic Gene Therapy," Cancer Letters 118:135-142, 1997.
<i>JH</i>	Bilbao et al., "Adenoviral/retroviral Vector Chimeras: a Novel Strategy to Achieve High-efficiency Stable Transduction in Vivo," The FASEB Journal 11:624-634, 1997.
<i>JH</i>	Burke, "Special Section: Yeast Artificial Chromosome Cloning; YAC cloning: options and problems," GATA 7:94-99, 1990.
<i>JH</i>	Chiou et al., "Mutations in the Herpes Simplex Virus Major DNA-Binding Protein Gene Leading to Altered Sensitivity to DNA Polymerase Inhibitors," Virology 145:213-226, 1985.

EXAMINER	<i>David Syz</i>	DATE CONSIDERED	<i>12/12/04</i>
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.



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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	08582/007003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No.	10/701,152
		Applicant	Brian Horsburgh et al.
		Filing Date	November 4, 2003
		Group	1636
(37 C.F.R. §1.98(b))		IDS Filed	March 16, 2004
		Customer No.	21559

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
<i>gc</i>	Horsburgh et al., "Allele Replacement: an Application That Permits Rapid Manipulation of Herpes Simplex Virus Type 1 Genomes," Gene Therapy 6:922-930 (1999).
<i>gj</i>	Ketner et al., "Efficient Manipulation of the Human Adenovirus Genome as an Infectious Yeast Artificial Chromosome Clone," Proc. Natl. Acad. Sci. U.S.A. 91:6186-6190, 1994.
<i>gj</i>	Messerle et al., "Cloning and Mutagenesis of a Herpesvirus Genome as an Infectious Bacterial Artificial Chromosome," Proc. Natl. Acad. Sci. U.S.A. 94:14759-14763, 1997.
<i>gj</i>	Monaco et al., "YACs, BACs, PACs, and MACs: Artificial Chromosomes as Research Tools," TIBTECH 12:280-286, 1994.
<i>gj</i>	Saeki et al., "Herpes Simplex Virus Type 1 DNA Amplified as Bacterial Artificial Chromosome in Escherichia coli: Rescue of Replication-Competent Virus Progeny and Packaging of Amplicon Vectors," Human Gene Therapy 9:2787-2794, 1998.
<i>gj</i>	Shizuya et al., "Cloning and Stable Maintenance of 300-kilobase-pair Fragments of Human DNA in Escherichia coli using an F-factor-based Vector," Proc. Natl. Acad. Sci. U.S.A. 89:8794-8797, 1992.
<i>gj</i>	Wang et al., "Complete Nucleotide Sequence of Two Generations of a Bacterial Artificial Chromosome Cloning Vector," BioTechniques 23:992-994, 1997.
<i>oz</i>	Yang et al., "Homologous Recombination Based Modification in Escherichia Coli and Germline Transmission in Transgenic Mice of a Bacterial Artificial Chromosome," Nature Biotechnology 15:859-865, 1997.

EXAMINER	<i>David Suga</i>	DATE CONSIDERED	<i>12/12/04</i>
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